

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS AND COMPOSITIONS FOR INHIBITING INFLAMMATION AND ANGIOGENESIS COMPRISING A MAMMALIAN CD97 ALPHA SUBUNIT** the specification of which is attached hereto or X was filed on April 21, 1999 as Application No. 09/284,819, the U.S. national phase of PCT/US97/19772, filed October 24, 1997 and was amended on (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/927/871	October 25, 1996

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		Patented Pending Abandoned
		Patented Pending Abandoned
		Patented Pending Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Benson, Reg. No. 33,612
Steven M. Ferguson, Reg. No. 38,448
James C. Haight, Reg. No. 25,588
John P. Kim, Reg. No. 38,514

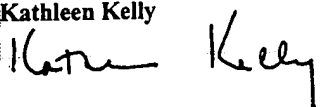
Susan S. Rucker, Reg. No. 35,762
David R. Sadowski, Reg. No. 32,808
Jack Spiegel, Reg. No. 34,477

Send Correspondence to Appointed Associate Attorney or Agent Address: Kenneth A. Weber TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834	Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent: Name: Kenneth A. Weber Reg. No. 31,677 Telephone: 415-576-0200 Fax: 415-576-0300
--	---

Full Name of Inventor 1	Last Name Kelley	First Name Kathleen	Middle Name or Initial	
Residence & Citizenship	City North Potomac	State/Foreign Country MD	Country of Citizenship US	
Post Office Address	Post Office Address 12512 Falconbridge Drive	City North Potomac	State/Country MD	Zip Code 20787 20878 <i>KK 8/16/99</i>
Full Name of Inventor 2	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code
Full Name of Inventor 3	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code
Full Name of Inventor 4	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code
Full Name of Inventor 5	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

Full Name of Inventor 6	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code
Full Name of Inventor 7	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 Kathleen Kelly 	Signature of Inventor 2	Signature of Inventor 3
Date 8/16/99	Date	Date
Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
Date	Date	Date
Signature of Inventor 7		
Date		

ASSIGNMENT

SOLE

WHEREAS, I, **Kathleen Kelly** of 12512 Falconbridge Drive, North Potomac, MD 20787, ^{878 KIC 8/16/97}
a U.S. citizen and employee of the Department of Health and Human Services at the time the
invention was made, have invented: METHODS AND COMPOSITIONS FOR INHIBITING
INFLAMMATION AND ANGIOGENESIS COMPRISING A MAMMALIAN CD97 ALPHA
SUBUNIT, for which an application to the Assistant Commissioner for Patents for grant of Letters
Patents of the United States of America has been executed by the undersigned

☐ on (date(s) Declaration signed):

☒ is identified as U.S. Patent Application:
Serial No. 09/284,819

Filed ; and

WHEREAS, the conditions under which said invention was made are such as to entitle the
Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the
entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all
domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid
application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration
of the premises and other valuable considerations, I the undersigned, have sold, assigned, and
transferred and by these presents do sell, assign, and transfer unto The Government of the United
States of America as represented by the Secretary of the Department of Health and Human Services
(hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and
interest throughout the United States of America, its territories and dependencies, and within each
and every foreign country in which THE GOVERNMENT elects to file the invention described in
the aforesaid application for Letters Patent of the United States of America, and all Letters Patents
and Registrations which may be granted on the same in the United States of America and all
countries throughout the world, and to claim the priority from the application as provided by the
Paris Convention, or of any division, renewal, continuation in whole or in part, substitution,
conversion, reissue, prolongation or extension thereof.

AND, I hereby authorize and request the Assistant Commissioner for Patents to issue said
Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest in and to

10059506-012902

the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent and Registrations may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by me, had this assignment not been made;

AND, I hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters Patent which will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by me;

AND, I hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furnish and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon my heirs, legal representatives, administrators and assigns, and I shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

The undersigned hereby grants THE GOVERNMENT or the law firm of Townsend and Townsend and Crew LLP, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Assignor has signed her name on the date indicated.

16th Ave 16 Ave
(signature of Assignor as written above)

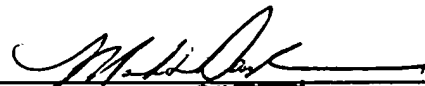
8/16/99
(date)

STATE OF Maryland)
COUNTY OF Montgomery Co.)

UNITED STATES OF AMERICA

On 8/16/99, before me, MARK L. DAVIDSON (here insert name and title of the officer), personally appeared 16th Ave Kelly, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature 
MARK L. DAVIDSON
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 25, 2000

(Seal)

SF 1001161 v1

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Applicant: Kathleen Kelly

Application No.: 09/284,819

Filed: August 20, 1999

For: METHODS AND COMPOSITIONS FOR INHIBITING INFLAMMATION AND ANGIOGENESIS
COMPRISING A MAMMALIAN CD97 ALPHA SUBUNIT

The Government of the United States of America, a government agency

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is assignee of the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 010179, Frame(s) 0426, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 16 Nov. 1999

Name: JAMES C HAIGHT

Title: SENIOR PATENT ATTORNEY

Signature: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kathleen Kelly

Serial No.: 09/284,819

Filed: August 20, 1999

For: METHODS AND COMPOSITIONS FOR
INHIBITING INFLAMMATION AND
ANGIOGENESIS COMPRISING A MAMMALIAN
CD97 ALPHA SUBUNIT

Assistant Commissioner for Patents
Washington, D.C. 20231

Examiner: Unknown

Art Unit: 1642

APPOINTMENT OF ASSOCIATE
ATTORNEYS AND AGENTS BY
PRINCIPAL ATTORNEY OR AGENT
UNDER 37 CFR §1.34(b) AND MPEP
402.02

Sir:

Under 37 CFR §1.34(b) and MPEP 402.02, the undersigned principal attorney or agent of record hereby appoints the following representatives from the law firm of TOWNSEND and TOWNSEND and CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834, telephone: (415) 576-0200, as associate attorneys and/or patent agents in this application with full powers to prosecute this case and to transact all business in the Patent and Trademark Office connected therewith:

Philip H. Albert, Reg. No. 35,819
Hector A. Alicea, Reg. No. 40,891
Randolph T. Apple, Reg. No. 36,429
Kevin L. Bastian, Reg. No. 34,774
Guy Chambers, Reg. No. 30,617
Karen B. Dow, Reg. No. 29,684
Gregory P. Einhorn, Reg. No. 38,440
James F. Hann, Reg. No. 29,719
M. Henry Heines, Reg. No. 28,219
James M. Heslin, Reg. No. 29,541
Laurence J. Hyman, Reg. No. 35,551
Charlie E. Krueger, Reg. No. 30,077

Joe Liebeschuetz, Reg. No. 37,505
Jeffrey S. Mann, Reg. No. 42,837
Annette S. Parent, Reg. No. 42,058
Steven W. Parmelee, Reg. No. 31,990
Timothy L. Smith, Reg. No. 35,367
William M. Smith, Reg. No. 30,223
Joseph R. Snyder, Reg. No. 39,381
John R. Storella, Reg. No. 32,944
Eugenia Garrett-Wackowski, Reg. No. 37,330
Ellen Lauver Weber, Reg. No. 32,762
Kenneth A. Weber, Reg. No. 31,667
Michael E. Woods, Reg. No. 33,466

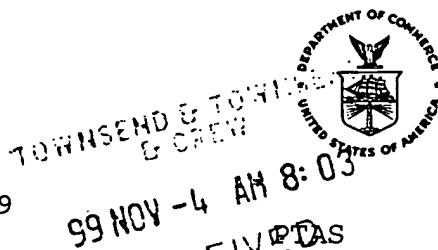
Dated: 16 NOV 99

Respectfully submitted,

United States Department of Health and Human
Services

By 

Reg. No. 25,588
Office of Technology Transfer
National Institutes of Health
6011 Executive Boulevard, Suite 325
Rockville, Maryland 20852
Telephone: (301) 496-7056



05280-263-1
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
KAWEBER

OCTOBER 22, 1999

TOWNSEND AND TOWNSEND AND CREW LLP
KENNETH A. WEBER
TWO EMBARCADERO CENTER
8TH FLOOR
SAN FRANCISCO, CA 94111-3834



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/23/1999

REEL/FRAME: 010179/0426
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KELLY, KATHLEEN

DOC DATE: 08/16/1999

ASSIGNEE:
THE GOVERNMENT OF THE UNITED
STATES OF AMERICA AS REPRESENTED
BY THE SECRETARY OF THE DEPT. OF
HEALTH AND HUMAN SERVICES
6011 EXECUTIVE BLVD.
SUITE 324
ROCKVILLE, MARYLAND 20852

SERIAL NUMBER: 09284819
PATENT NUMBER:

FILING DATE: 08/20/1999
ISSUE DATE:

010179/0426 PAGE 2

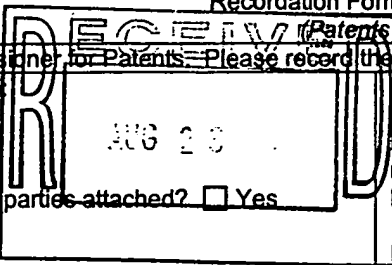

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS


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-25-1999

100US

FORM PTO-1595 (Rev. 6-93)		Recordation Form Cover Sheet (Patents Only)		Office	
To the Honorable Asst. Commissioner for Patents: Please record the attached or:					
1. Name of conveying party(ies) Kathleen Kelly				2. Name and address of receiving party(ies) Name: The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services	
Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.		Internal Address: Street Address: 6011 Executive Boulevard, Suite 324 City: Rockville State: MD ZIP: 20852			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Execution Date: August 16, 1999					
4. Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No(s): 09/284,819 B. Patent No(s):					
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Kenneth A. Weber TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200			6. Total number of applications and patents involved 1		
			7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account <input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.		
			8. Deposit account number: 20-1430		
DO NOT USE THIS SPACE					
9. Statement and signature. <p style="text-align: center;"><i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i></p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 30%;"> Kenneth A. Weber Name of Person Signing Atty Reg. No. 31,677 </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> August 20, 1999 Date </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> Total number of pages including cover sheet, attachments and document 4 </div> </div>					
10. Change Correspondence Address to that of Part 5? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
OMB No. 0651-0011 (exp. 4/94)					
Do not detach this portion Mail documents to be recorded with required cover to:					
<div style="display: flex; justify-content: space-between;"> <div> 08/24/1999 NTHA11 00000312 201430 09284819 01 FC:581 40.00 CH </div> <div style="text-align: center;"> Asst. Commissioner for Patents Box: Assignments Washington, D.C. 20231 </div> </div>					

FORM PTO-1595 (R v. 6-93)		Recordation Form Cover Sheet (Patents Only)		U.S. Department of Commerce Patent and Trademark Office	
To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies): Kathleen Kelly Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.			2. Name and address of receiving party(ies) Name: The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services Internal Address: Street Address: 6011 Executive Boulevard, Suite 324 City: Rockville State: MD ZIP: 20852 Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: August 16, 1999					
4. Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): 09/284,819 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Kenneth A. Weber TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200			6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account <input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account. 8. Deposit account number: 20-1430		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i> Kenneth A. Weber Name of Person Signing Atty Reg. No. 31,677 Signature:  Signature August 20, 1999 Date Total number of pages including cover sheet, attachments and document 4					
10. Change Correspondence Address to that of Part 5? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
OMB N . 0651-0011 (exp. 4/94)					
Do not detach this portion Mail documents to be recorded with required cover to: Asst. Commissioner for Patents Box: Assignments Washington, D.C. 20231					